

# Declaration of Conformity

According to ISO/IEC Guide 22 and EN 45014 Part #: 275-0740 Rev 1-97

**Manufacturer's Name:** IOtech, Inc.  
**Manufacturer's Address:** 25971 Cannon Road  
Cleveland, Ohio 44146  
USA


## Declares that the product:

**Product Name:** EXP/10A  
**Description:** Temperature Instrument Expansion Chassis

## Conforms (under conditions on reverse side) to the following standards:

**Safety:** EN61010-1 1993  
**EMC:** CISPR22:1985  
EN55022:1988 class A  
IEC 801-2:1984/prEN50082-1:1992±8kV AD, criterion A  
IEC 801-3:1984/prEN50082-1:1992-10V/m, criterion A  
IEC 801-4:1988/prEN50082-1:1992±0.5kV signal ±1kV  
line, criterion A

**Place:** Cleveland, Ohio USA  
**Date:** 1/1997

**Signature:**   
**Full Name:** Paul Wittibschlager  
**Position:** Director of Hardware Engineering

**European Contact:** \_\_\_\_\_  
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## CE Compliant Operating Conditions

**Product Name:** EXP/10A  
**Description:** Temperature Instrument Expansion Chassis

To maintain the safety, emission, and immunity standards of this declaration, the following conditions must be met.

- \* Digital I/O cable must be braid-type and terminated at the connector hood. Connectors must be metal-shelled with a metal or metalized hood. All cable screw locks must be tightened at both ends of the cable.
- \* The host computer must be properly grounded.
- \* Some inaccuracy is to be expected when I/O leads are exposed to RF fields or transients.



The operator must observe all safety cautions and operating conditions specified in the documentation for all hardware used.



The host computer, peripheral equipment, power sources, and expansion hardware must be CE compliant.



All power must be disconnected to the EXP/10A and externally connected equipment before internal access to the EXP/10A is permitted.



To maintain safety compliance, the following limits apply:  
Channel-to-channel isolation: ±60 VDC, 30 Vrms  
Channel-to-system isolation: ±60 VDC, 30 Vrms  
Installation category II for AC main



Replacement fuse is a 1/2A slow-blow (Littelfuse #313.500).



**WARNING.** Noted conditions pertain to potential safety hazards. When you see this symbol on the product or in the documentation, carefully read the related information and be alert to the possibility of personal injury.